

## GRAPHICAL HUMAN-MACHINE INTERFACE ON A PORTABLE DEVICE

ABSTRACT OF THE DISCLOSURE

A software development toolkit automates and eases the task of generating graphical human-machine interfaces that are interactive control modules or software necessary to control a process. A graphical human-machine interface is created on a computer using a first operating system. The graphical human-machine interface can be operated on a portable computing device that uses an operating system that is less capable than the first operating system. The graphical human-machine interface process control modules allow a user to control a process by using the portable computing device as a user control station. The operation of the graphical human-machine interface process control software on the portable computing device can be simulated on the computer that uses the first, more capable operating system. The portable computing device can be a handheld portable computing device. The second, less capable operating system can be Windows CE.

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